

TAHITI.

- Madrepora plantaginea*, Lamarck. One specimen; obtained at no other locality by the Challenger.
- „ *retusa*, Dana. One specimen; obtained at no other locality by the Challenger.
- „ *nasuta*, Dana. Two specimens; obtained at no other locality by the Challenger.
- „ *paxilligera*, Dana. One specimen; obtained at no other locality by the Challenger.
- „ *virgata*, Dana. Several specimens; obtained at no other locality by the Challenger.
- „ *parilis*, n.sp. (?). Obtained also at Philippines.
- „ *speciosa*, n.sp. Several specimens; obtained at no other locality.
- „ *cytherea*, Dana. Several specimens; obtained at no other locality by the Challenger.
- „ *surculosa*, Dana. Several specimens; obtained at no other locality by the Challenger.
- Montipora papillosa* (Lamarck). One specimen; obtained at no other locality by the Challenger.
- „ *aspera*, Verrill. Obtained at no other locality by the Challenger.
- Porites arenosa* (Esper). Obtained also at Tongatabu, Fiji, and Banda.
- „ *latistellata*, n.sp. One specimen; obtained at no other locality.
- Napopora irregularis*, n.g., n.sp. One specimen; obtained at no other locality. Only species of the genus.
- Synaræa convexa*, Verrill. Several specimens; obtained at no other locality by the Challenger.
- Millepora nodosa*, Esper. Several specimens; obtained at no other locality by the Challenger.
- „ *gonagra*, M.-Edwards and Haime. One specimen; obtained also at Fiji and Philippines.

ECHINOIDEA (Agassiz, Zool. pt. 9).

- Diadema setosum*, Gray. Obtained also at Cape Verdes, St. Thomas, and Philippines.
- Echinothrix calamaris* (Pallas). Obtained also at Fiji and Philippines.
- Echinometra lucunter* (Leske). For distribution see Tongatabu.
- Peronella decagonalis* (Lesson). (20 fathoms); for distribution see Station 173.
- Rhinobrissus hemiasteroides*, n.sp. (20 fathoms); obtained at no other locality.

HOLOTHURIOIDEA (Théel, Zool. pt. 39).

- Synapta beselii*, Jæger. Numerous specimens; for distribution see Station 177.